

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	PATENT APPLICATION
	)	
Inventors: Roy Chrisop and Dan Klave	)	
	)	
Serial No.: Not Yet Assigned	)	Attorney Docket No.
	)	SLA 1050
Filed: Herewith	)	
	)	
Title: SYSTEM AND METHOD FOR	)	
ALLOCATING RANDOM ACCESS	)	
MEMORY IN A MULTIFUNCTIONAL	)	
PERIPHERAL DEVICE	)	

**POWER OF ATTORNEY BY ASSIGNEE**

Sharp Laboratories of America, Inc., a corporation of the State of Washington, Assignee of the entire right, title and interest in and to the above-identified patent application by an assignment document filed herewith, hereby appoints David C. Ripma, Reg. No. 27,672, Matthew D. Rabdau, Reg. No. 43,026 and Scott C. Krieger, Reg. No. 42,768, as its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor and the inventor's attorneys in accordance with the provisions of 37 C.F.R. §3.71.

Pursuant to 37 C.F.R. §3.73(b) the undersigned submits herewith the original of an assignment document from the inventor or inventors to Assignee, together with a cover sheet and the fee for recording same. The assignment has been reviewed and, to the best of the undersigned's knowledge

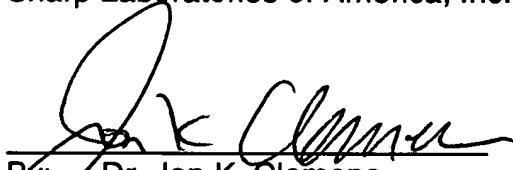
and belief, title is in the Assignee. The undersigned, whose title is supplied below, is empowered to sign this power of Attorney on behalf of the Assignee.

Please direct all correspondence connected with this application to:

David C. Ripma, Patent Counsel  
Sharp Laboratories of America, Inc.  
5750 NW Pacific Rim Boulevard  
Camas, WA 98607  
Telephone: (360) 834-8754  
Facsimile: (360) 817-8505

Assignee:

Sharp Laboratories of America, Inc.

  
By: Dr. Jon K. Clemens  
Title: President & CEO

Date: 8/30/07

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	)	SLA 1050
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	)	
Title: SYSTEM AND METHOD FOR	)	
ALLOCATING RANDOM ACCESS IN	)	
A MULTIFUNCTIONAL PERIPHERAL	)	
DEVICE	)	

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if one name is listed below), or the first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled,

**SYSTEM AND METHOD FOR ALLOCATING RANDOM ACCESS IN A  
MULTIFUNCTIONAL PERIPHERAL DEVICE**

the specification of which (check applicable ones):

- ☒ is attached hereto;
- ☐ was filed with the above-identified "Filed" date and assigned the above-identified "Serial No.";
- ☐ was amended on (or amended through) \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole  
or first inventor: Roy Kenneth Chrisop

Residence: 968 NW 4<sup>th</sup> Avenue  
Camas, WA 98607

Post Office Address: Same

Citizenship: United States

Inventor's signature: Roy Chrisop

Date: August 30, 2001

\*\*\*\*\*

Full name of sole  
or second inventor: Daniel Leo Klave

Residence: 3919 NW Dahlia Drive  
Camas, WA 98607

Post Office Address: Same

Citizenship: United States

Inventor's signature: Daniel Klave

Date: August 30, 2001

\*\*\*\*\*

## **ASSIGNMENT**

WHEREAS, the undersigned Roy K. Chrisop, a resident of Camas, WA and Dan L. Klave, a resident of Camas, WA (hereinafter termed "inventors") have invented certain new and useful improvements in:

### **SYSTEM AND METHOD FOR ALLOCATING RANDOM ACCESS MEMORY IN A MULTIFUNCTIONAL PERIPHERAL DEVICE**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

☒

On the 30<sup>th</sup> day of August, 2001;

Or

☐

Said application having been previously filed and assigned  
Serial Number            /           , and filing date           .

WHEREAS Sharp Laboratories of America, Inc., a corporation of the State of Washington, (hereinafter termed "Assignee"), having a place of business at 5750 NW Pacific Rim Boulevard, Camas, State of Washington, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other government grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial property or pursuant to

any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting application for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, said Inventor's heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed said Assignment on the date given below.

(1) *Roy Chrisop* *August 30, 2001*  
(Roy K. Chrisop) (Date)

.....

IN WITNESS WHEREOF, the said Inventor has executed said Assignment on the date given below.

(2) *Daniel Klave* *August 30, 2001*  
(Dan L. Klave) (Date)

.....

IN WITNESS WHEREOF, the said Inventor has executed said Assignment on the date given below.

**PATENTS ONLY**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Roy Chrisop and Dan Klave

## 2. Name and address of receiving party(ies):

Name: Sharp Laboratories of America, Inc.

Internal Address: \_\_\_\_\_

Street Address: 5750 NW Pacific Rim BoulevardCity: Camas State: WA ZIP: 98607Additional name(s) & address(es) attached? ☐ Yes ☐ NoAdditional names(s) of conveying party(ies) ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: August 30, 2001

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: August 31, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David C. Ripma, Patent CounselInternal Address: Registration No. 27,672Sharp Laboratories of America, Inc.Street Address: 5750 NW Pacific Rim BoulevardCity: Camas State: WA ZIP: 98607

## 6. Total number of applications and patents involved:

**1**7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0803

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*David C. Ripma, Reg. No. 27,672

Name of Person Signing

Signature

August 31, 2001

Date

Total number of pages including cover sheet, attachments, and document:

**4**